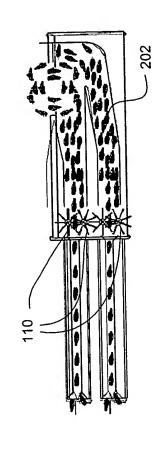


FIG. 2 Singulating System



200

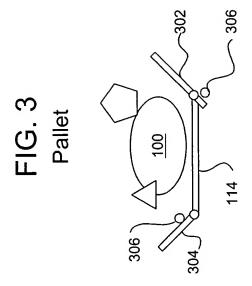
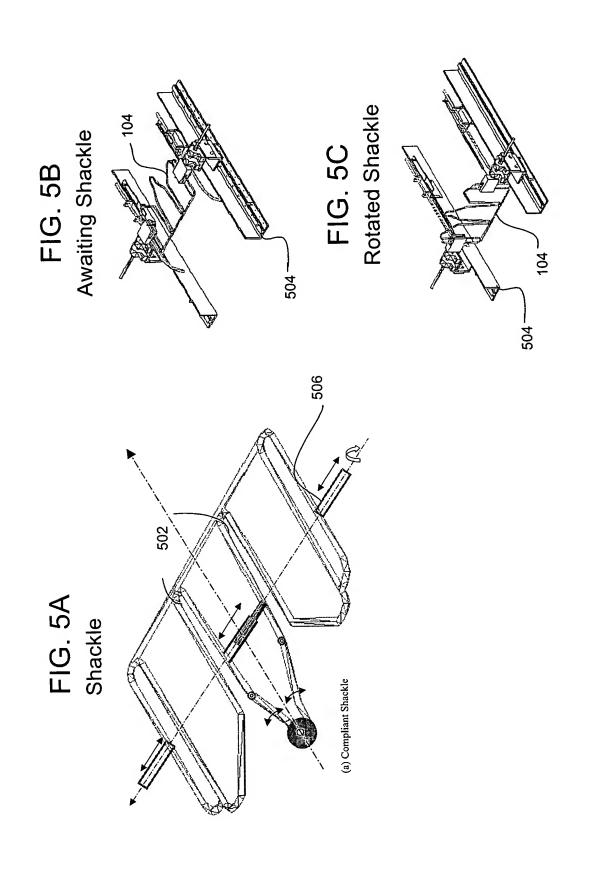
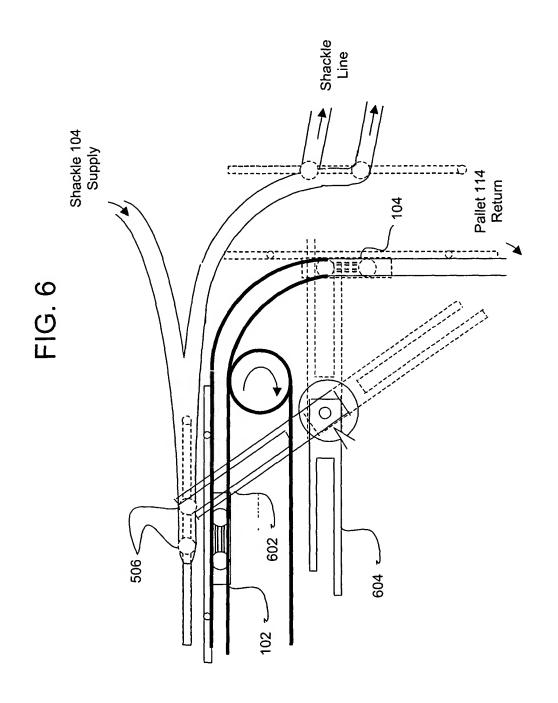


FIG. 4
Leg Gripping





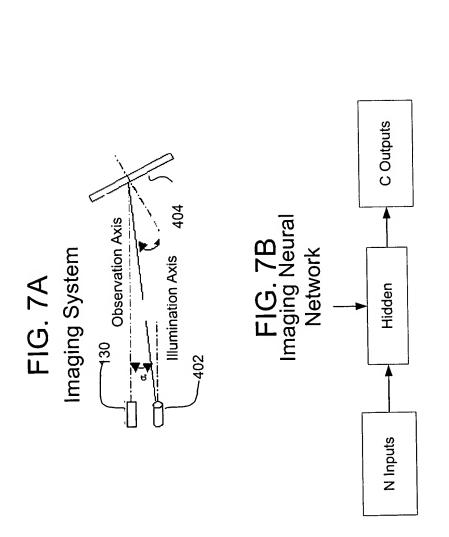


FIG. 7C Imaging Neural Network

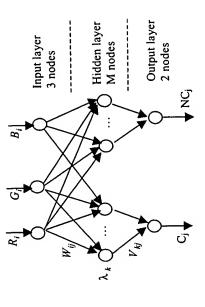


FIG. 8A
Plots for Use with
a Neural Network

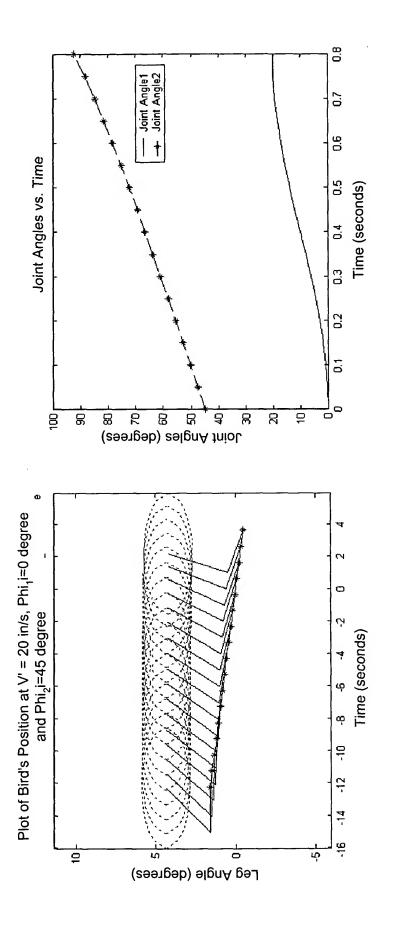
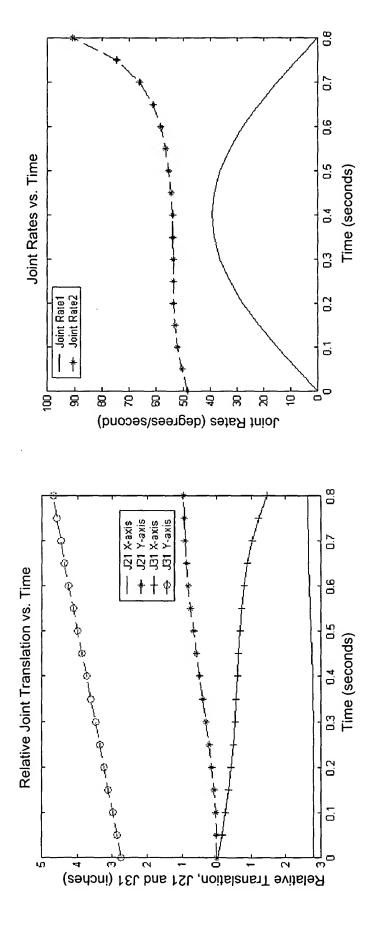
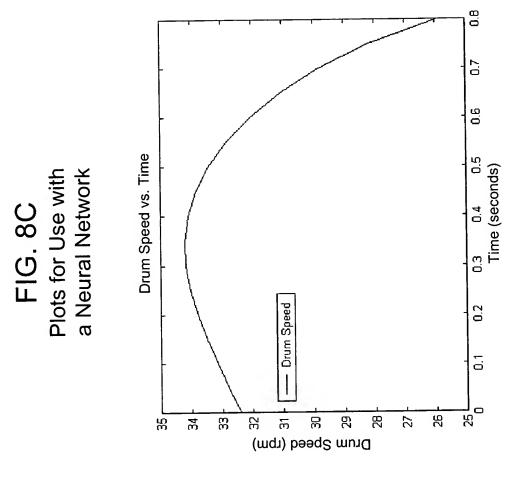
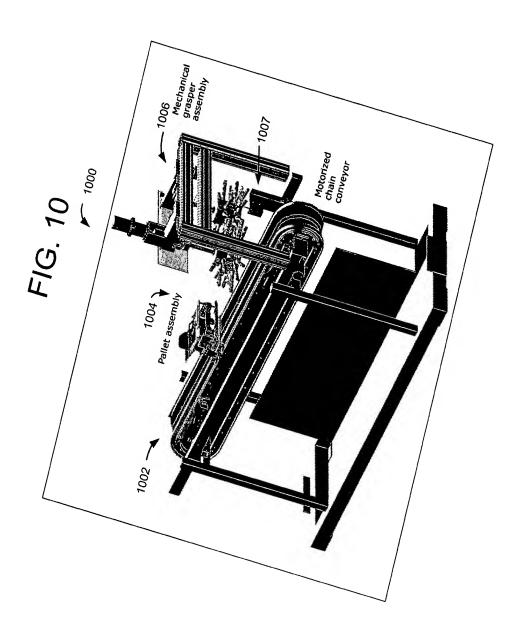


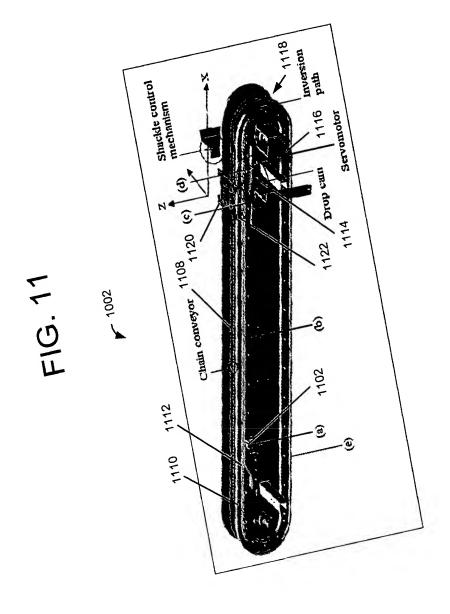
FIG. 8B
Plots for Use with
a Neural Network

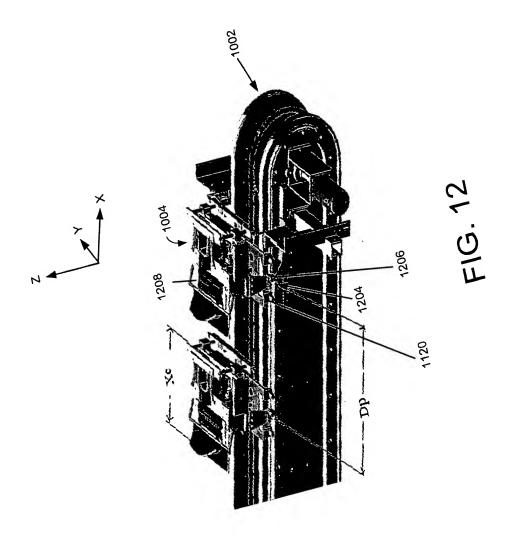




Signal to Subsequent Operation Interface System I/O First Slider 602 System Operation Control Sequence Shackle Position Controller Cylinder 126 Speed Trajectory Cylinder 126 Speed Regulator FIG. 9 Revolving Fingers 124 Imaging Sensor Imaging Sensor 135 Beam Switch 133 System Controller 902 Speed Regulator Conveyor 102







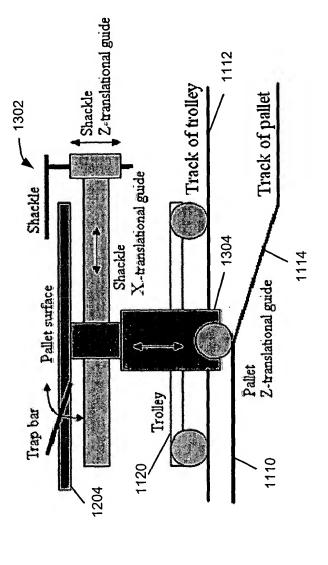
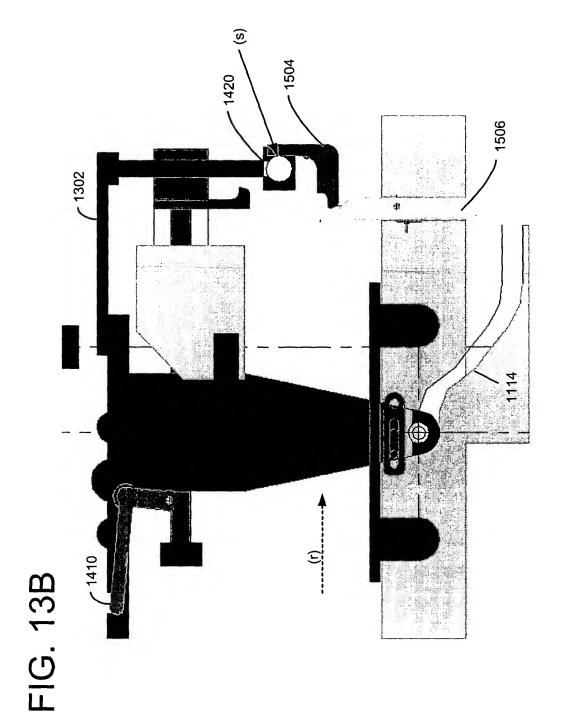


FIG. 13A



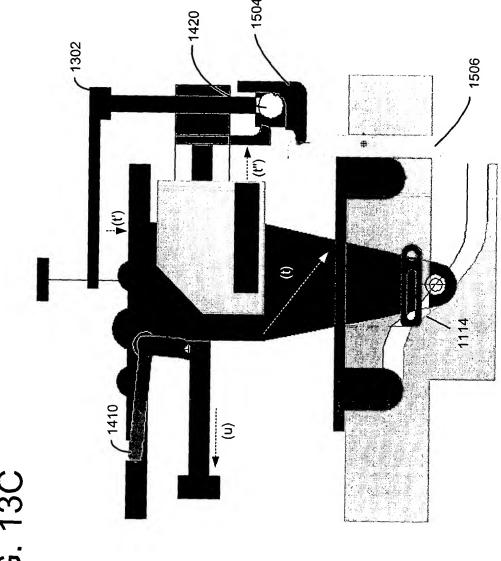
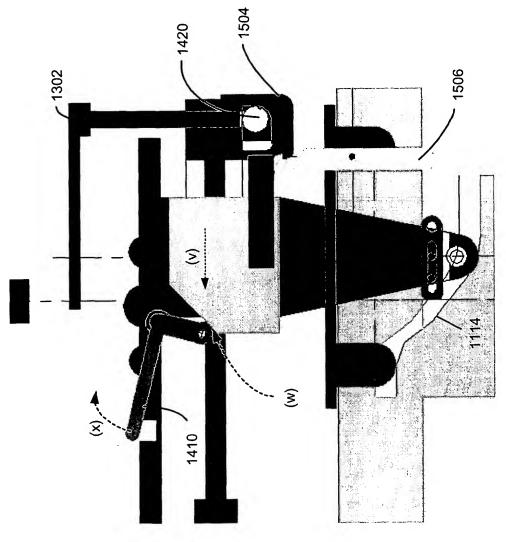
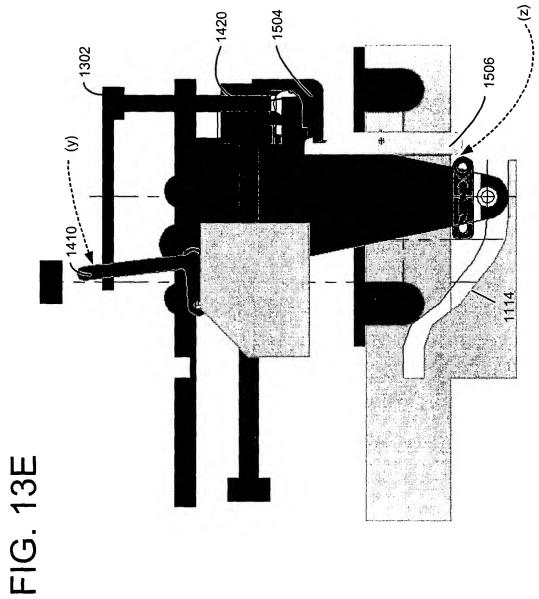
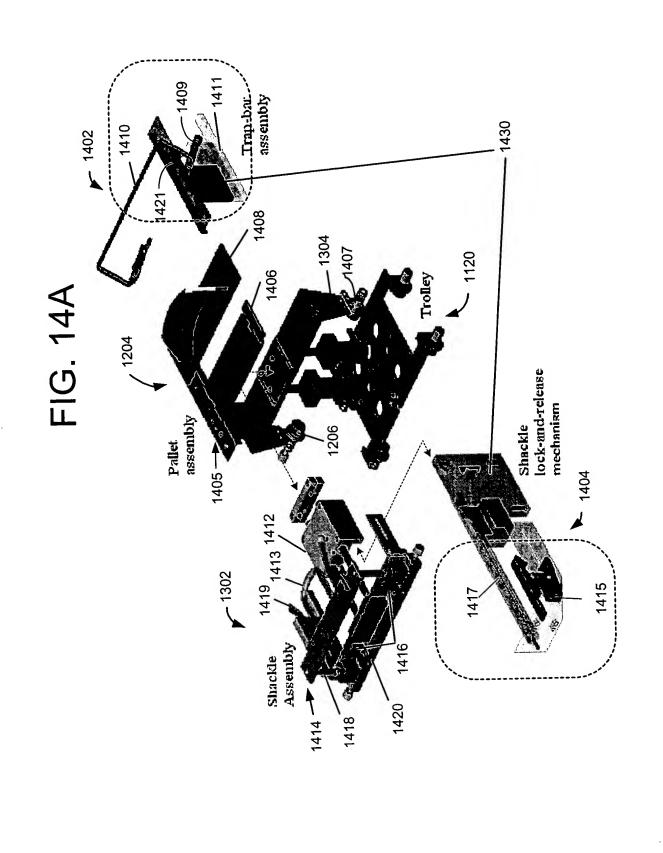


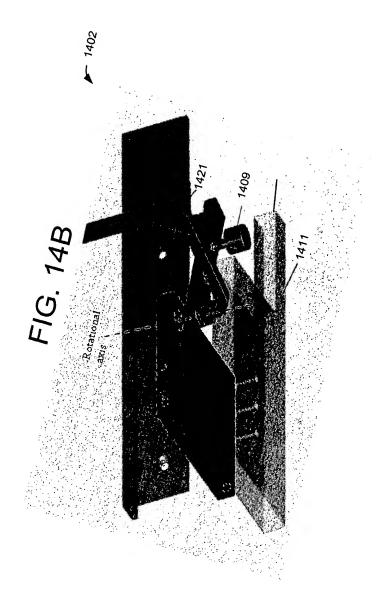
FIG. 13C

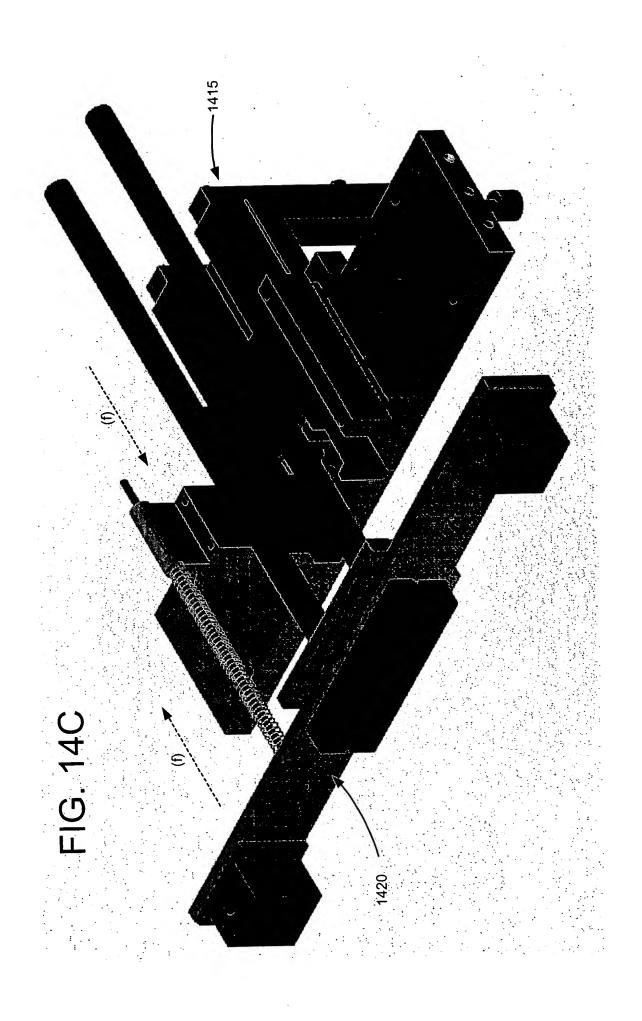
FIG. 13D

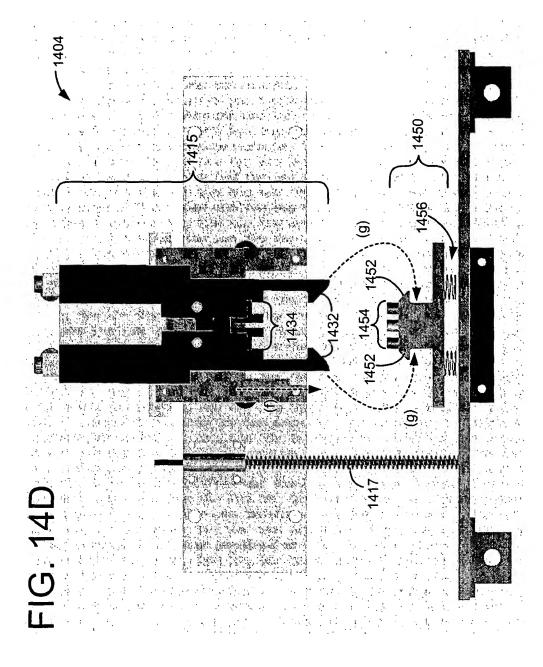












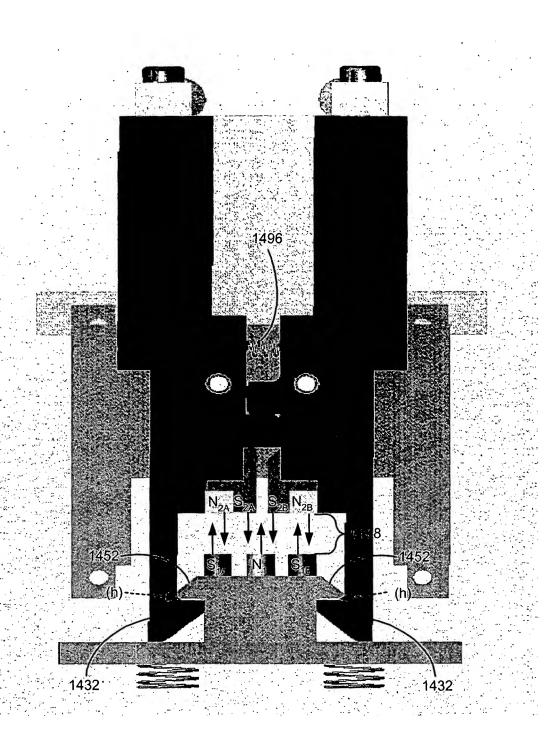


FIG. 14E

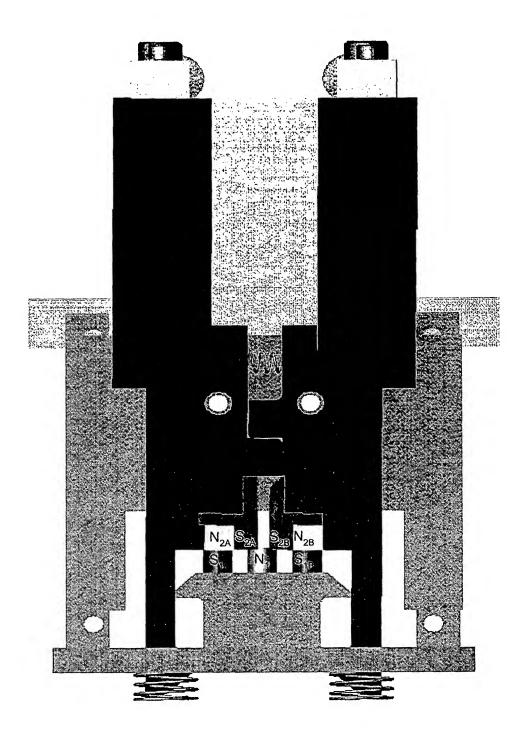


FIG. 14F

FIG. 14G

